

ORIGINATING SERVER AND CACHING PROXY SERVER(CP) NEGOTIATE, THROUGH REAL-TIME STREAMING PROTOCOL (RSTP) FOR SERVER TO SEND AND CP SERVER TO RECEIVE STREAMING MEDIA DATA (FOR EXAMPLE: QUICKTIME STREAMING AUDIO DATA).

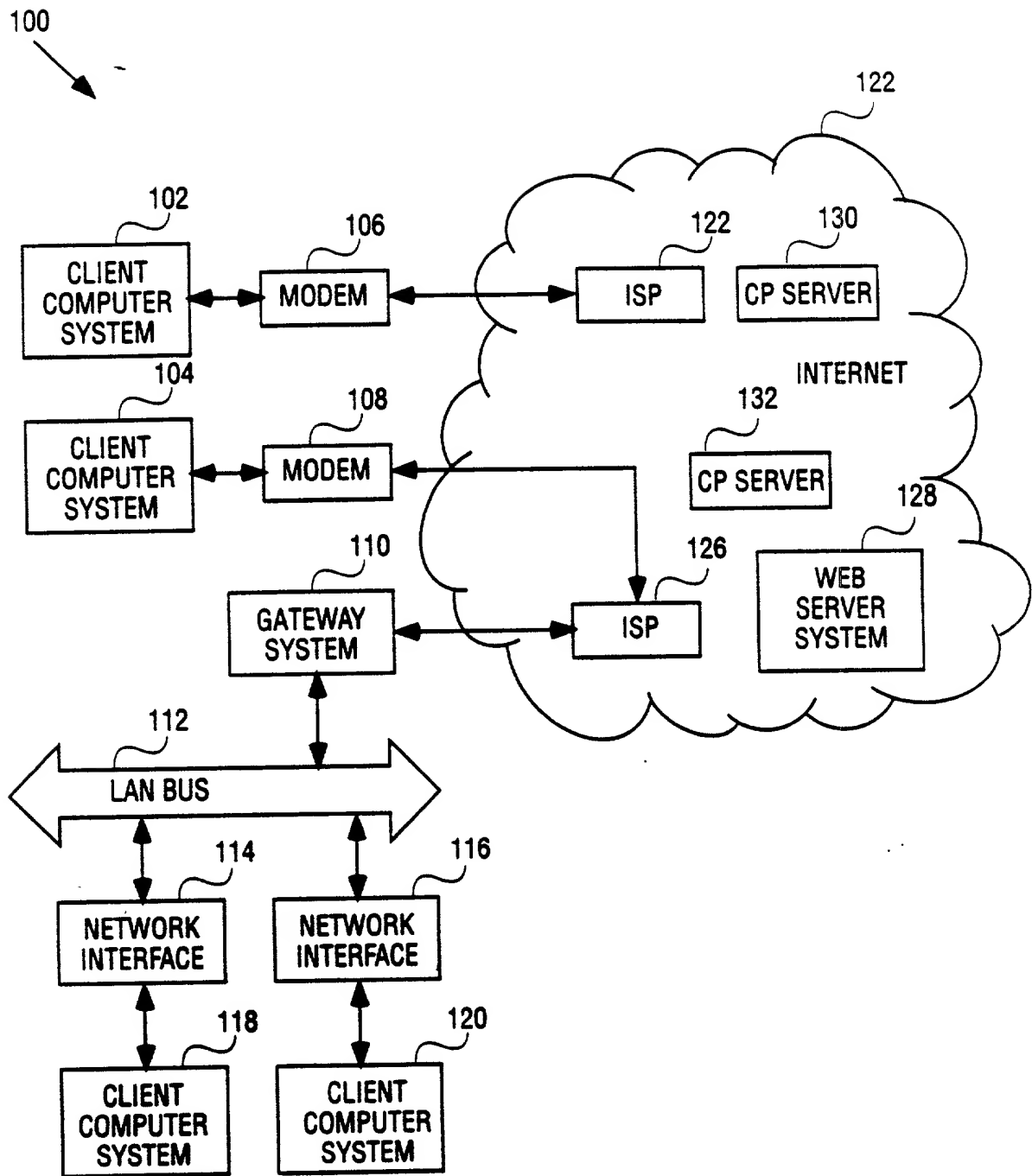


CP SERVER RECEIVES STREAMING MEDIA DATA, USING REAL TIME TRANSFER PROTOCOL (RTP), IN STREAMING MEDIA FORMAT NOT THE SAME FORMAT AS STORED ON ORIGINATING SERVER AND CP SERVER STORES THE STREAMING MEDIA DATA, IN THE STREAMING MEDIA FORMAT, ON A STORAGE DEVICE CONTROLLED BY THE CP SERVER.

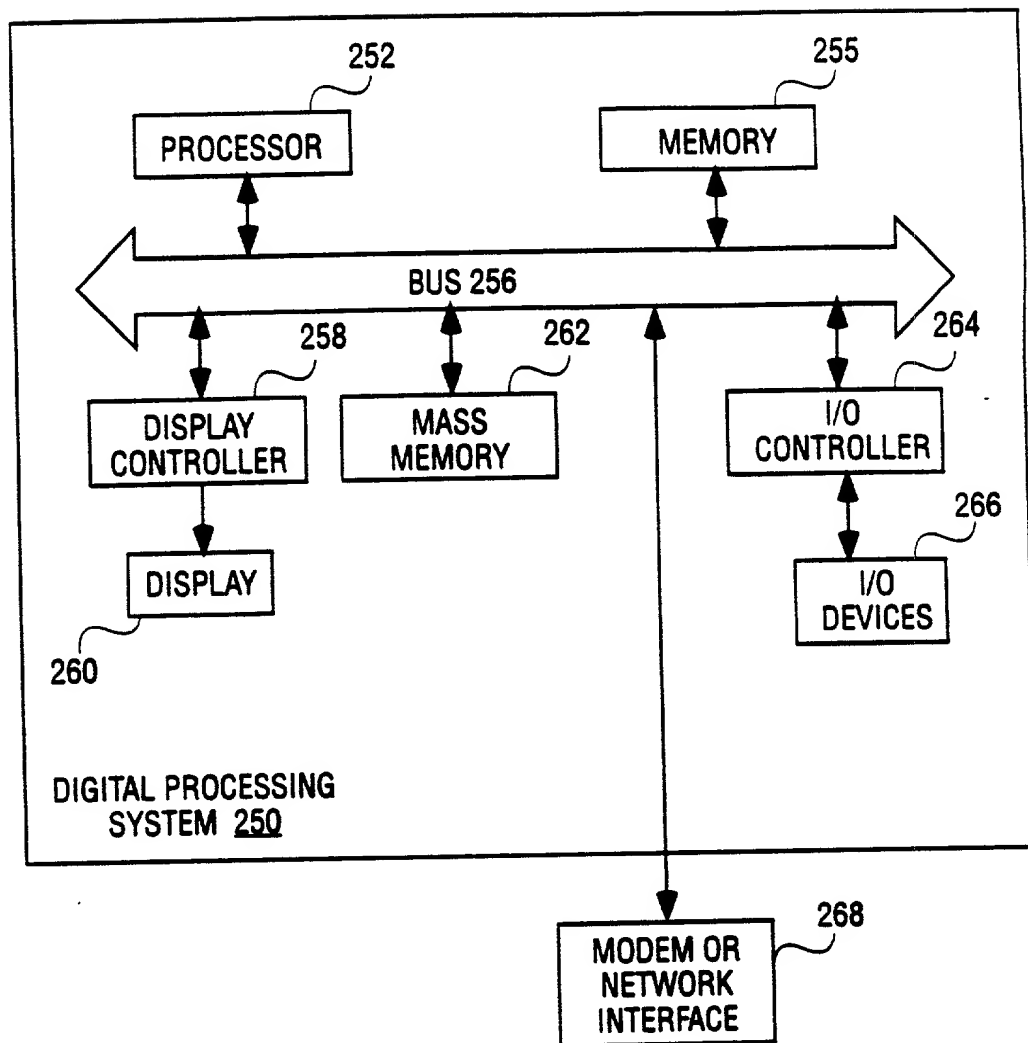


CP SERVER RECEIVES REQUEST, THROUGH RSTP, FROM A CLIENT FOR THE STREAMING MEDIA DATA AND RETRIEVES THE DATA FROM THE STORAGE DEVICE AND TRANSMITS THE STREAMING MEDIA DATA TO THE CLIENT SYSTEM.

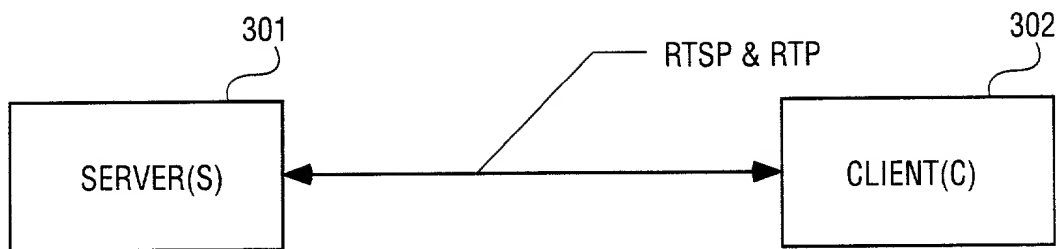
**FIG. 1A**



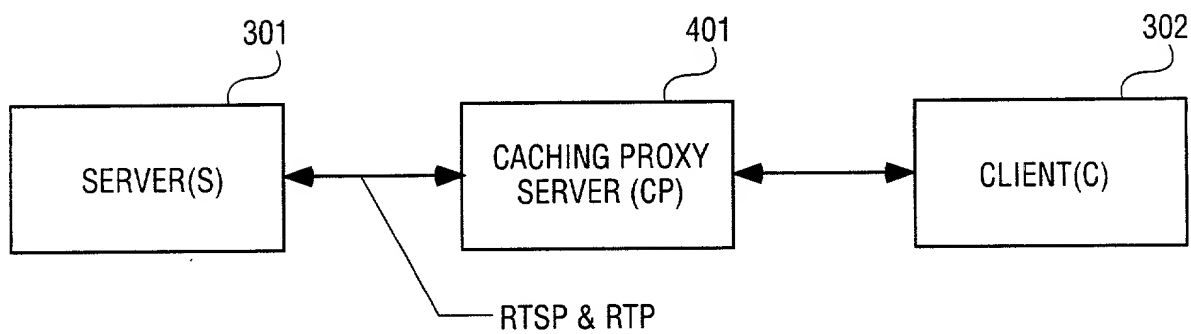
**FIG. 1B**



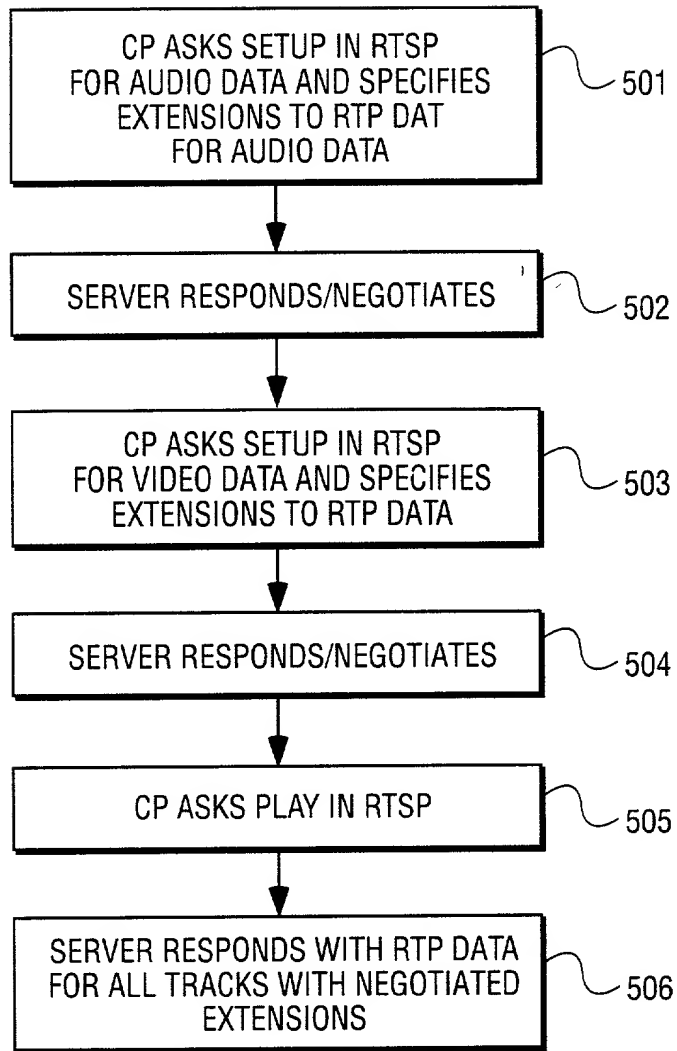
**FIG. 2**



**FIG. 3**



**FIG. 4**



**FIG. 5**

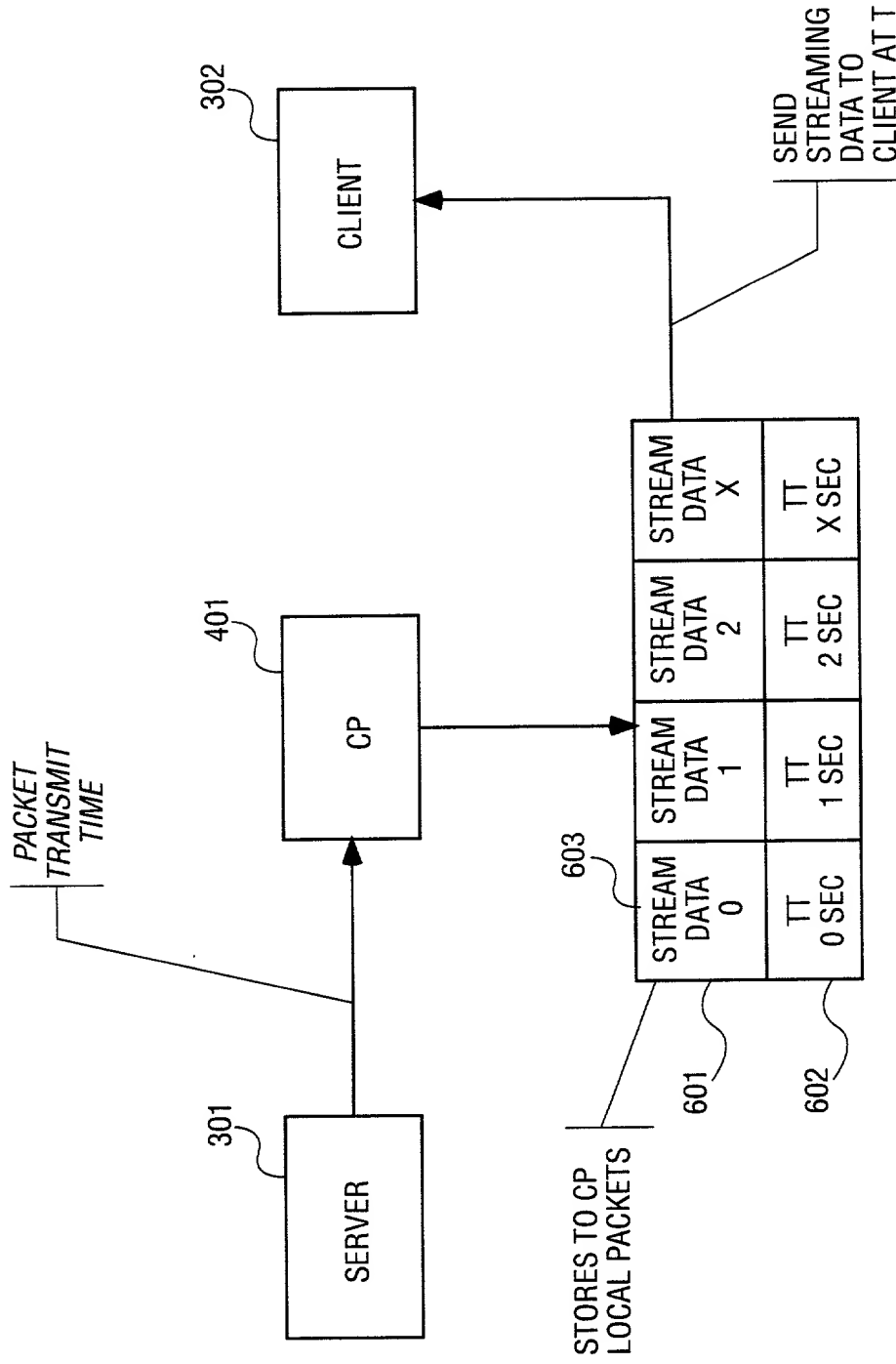
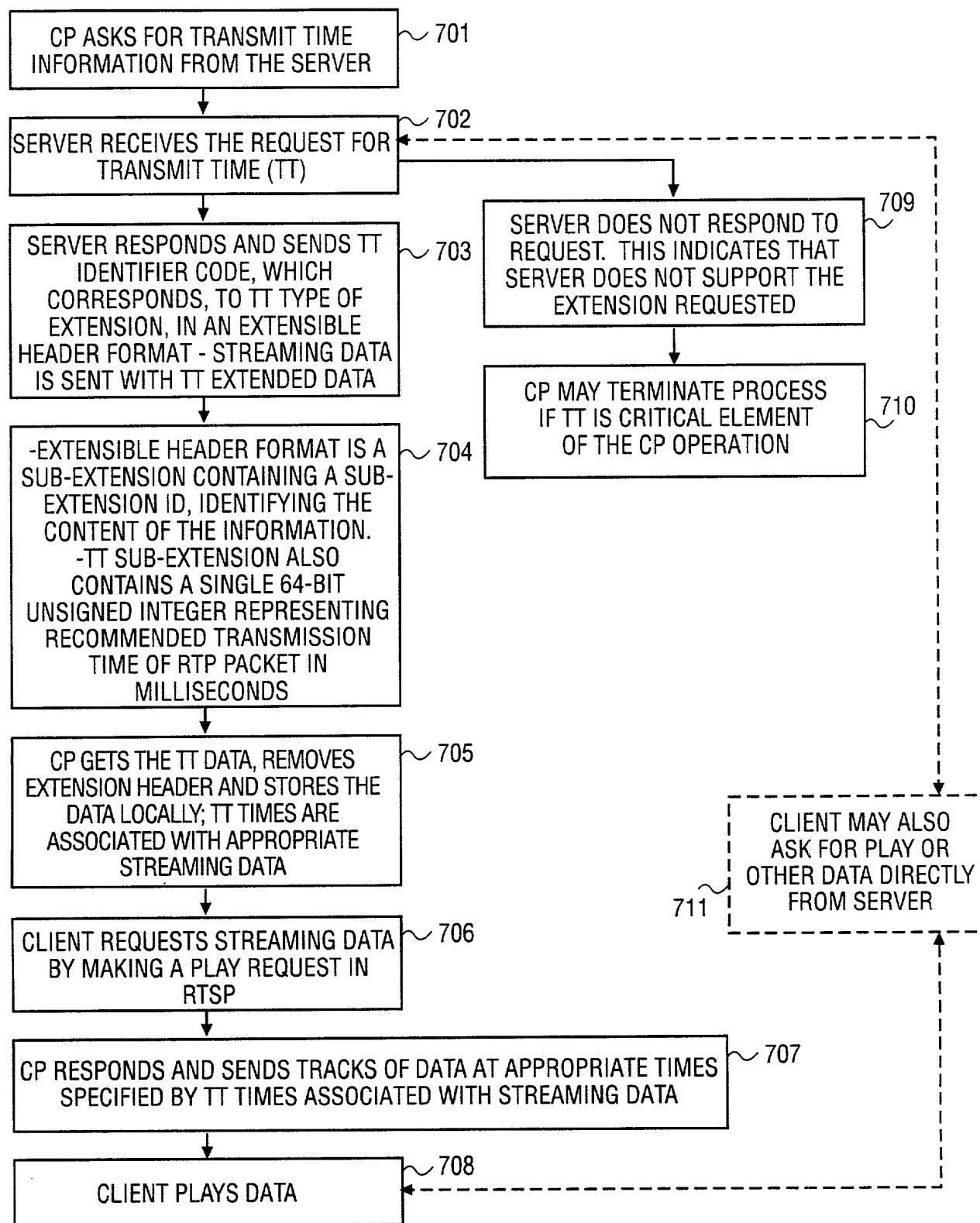
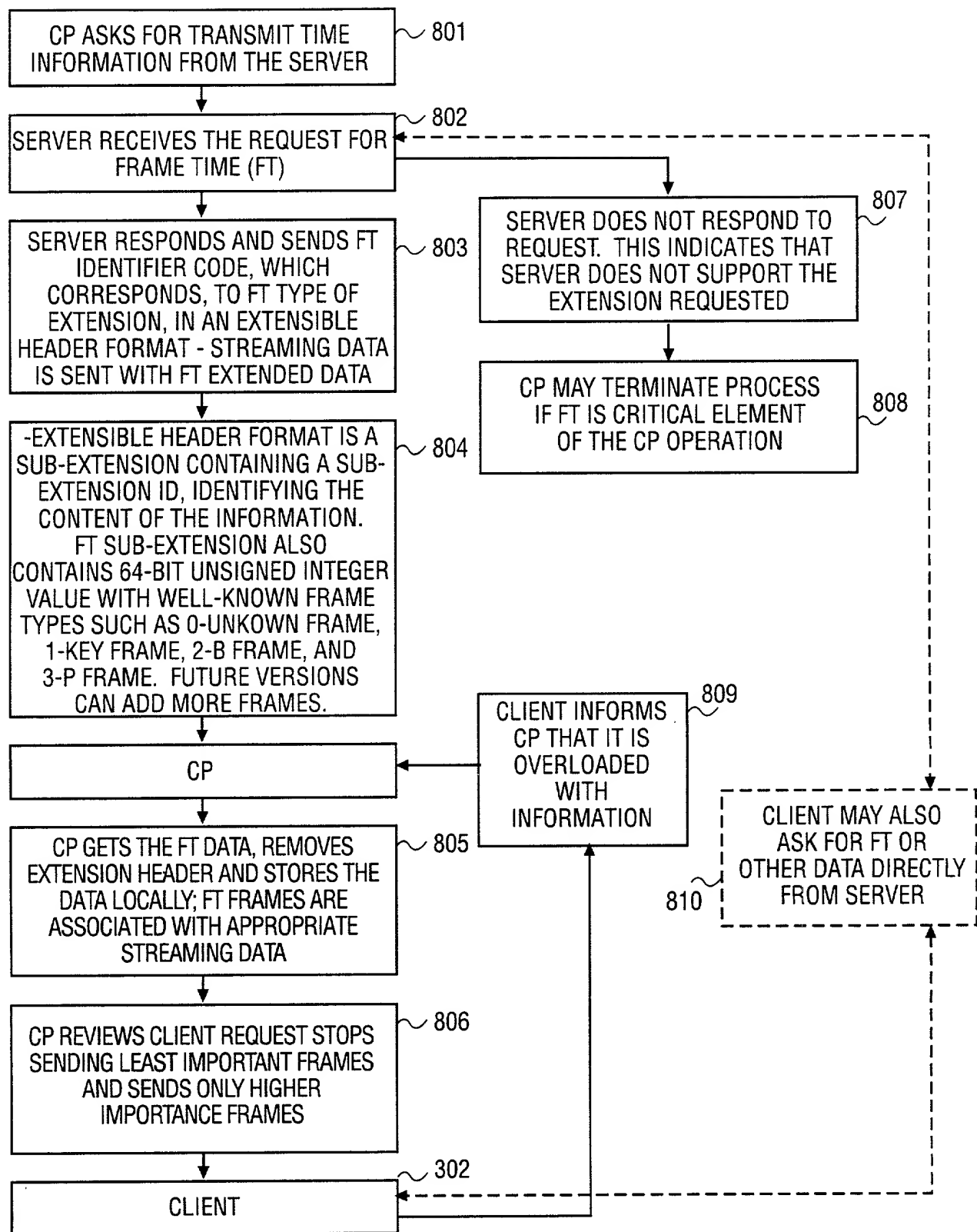


FIG. 6

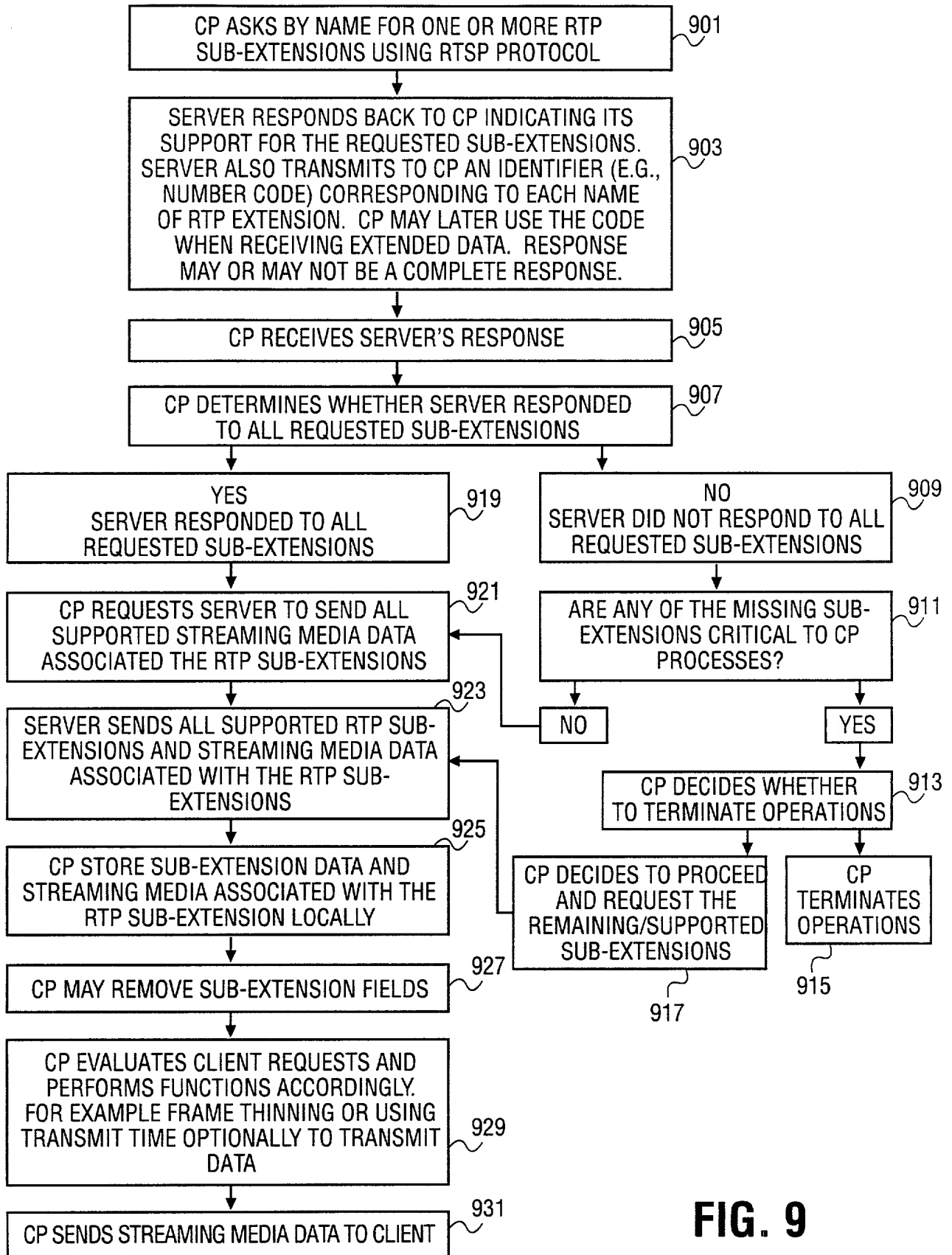


**FIG. 7**



**FIG. 8**





**FIG. 9**

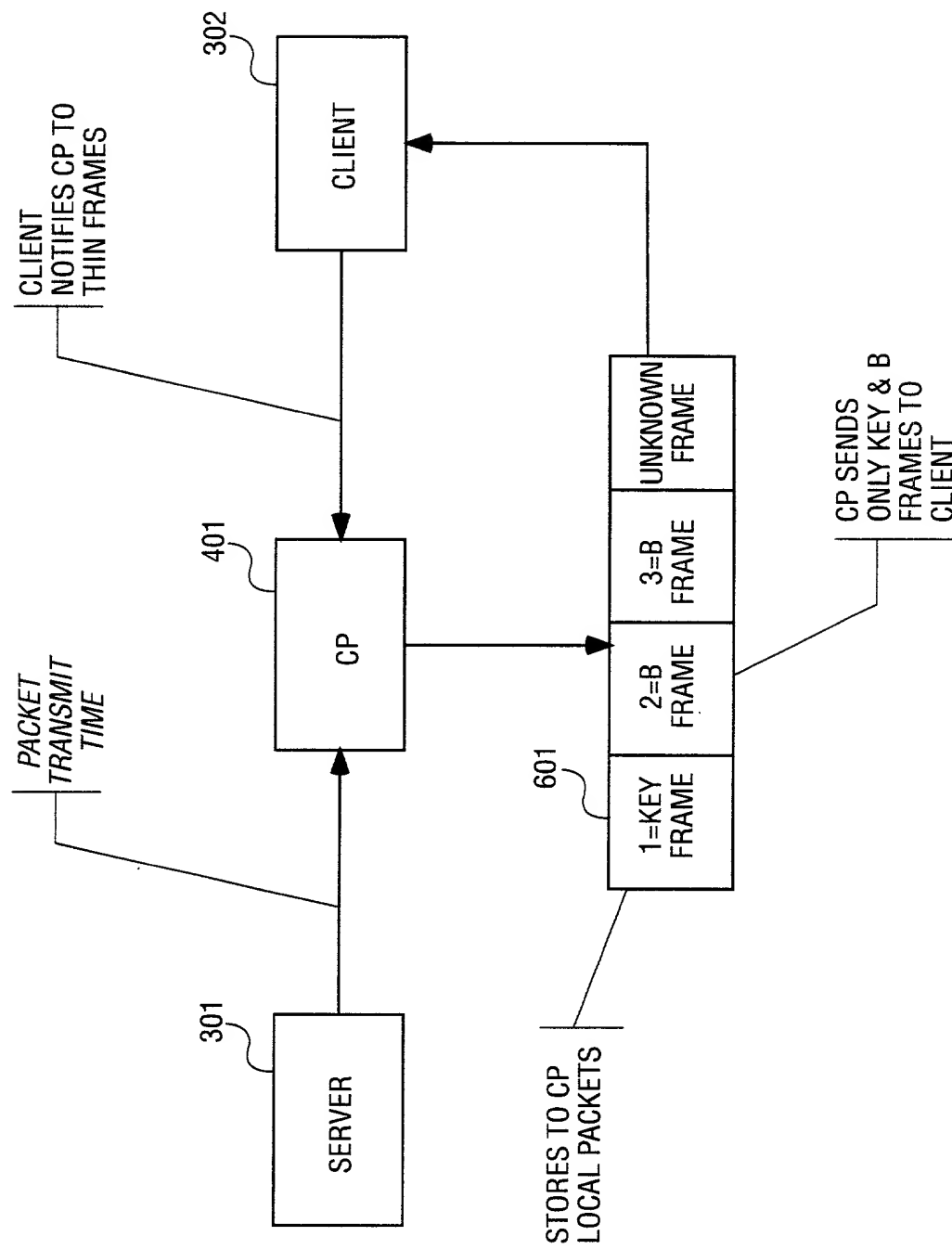
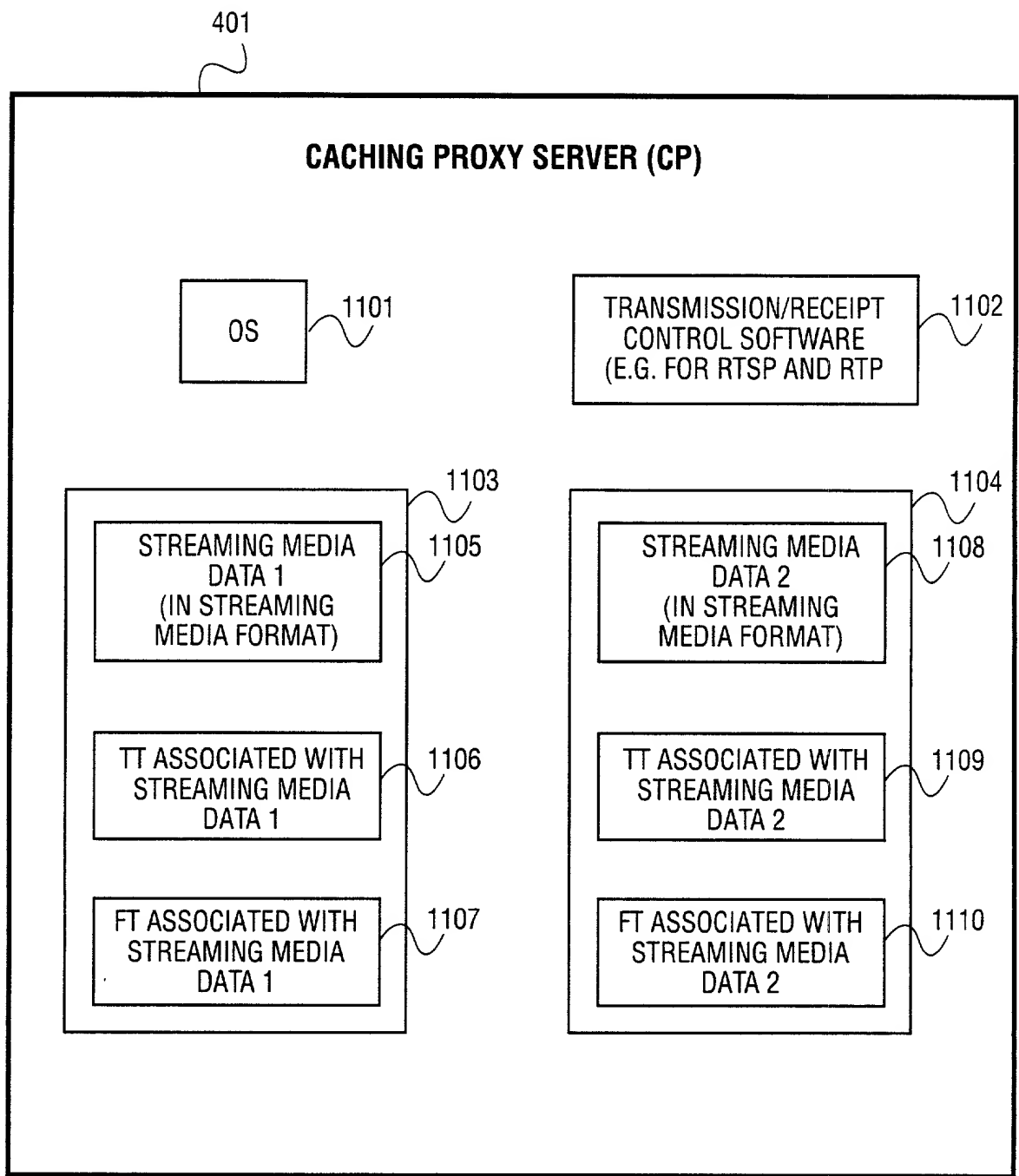
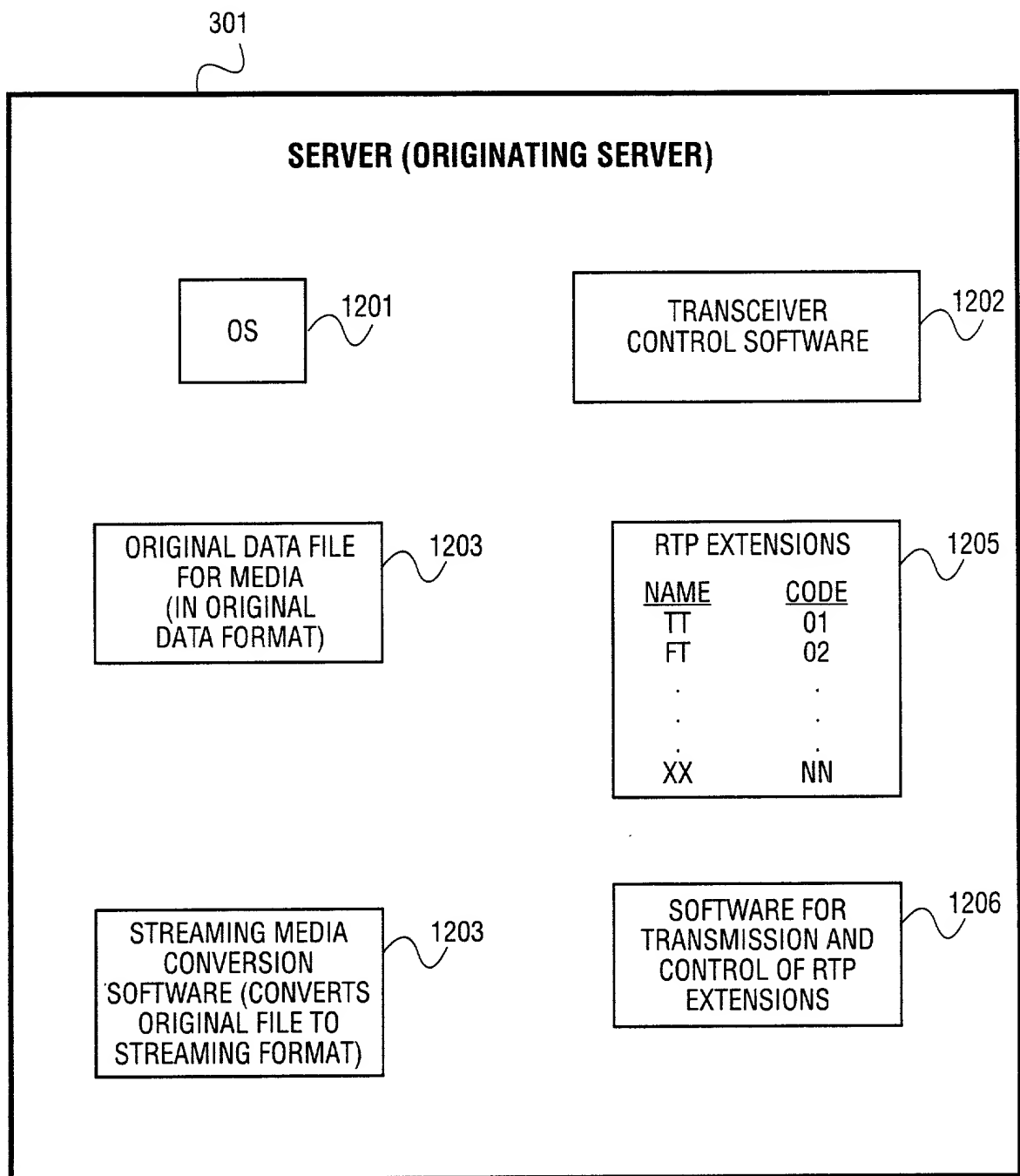


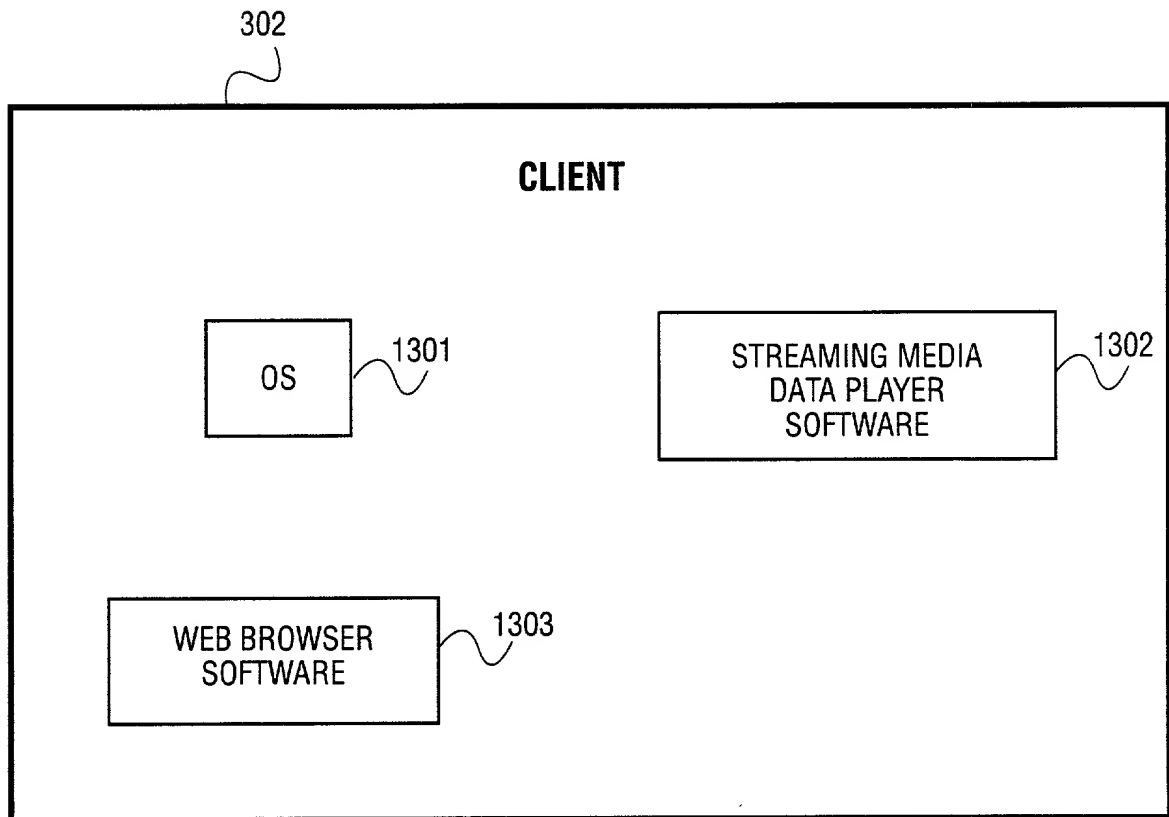
FIG. 10



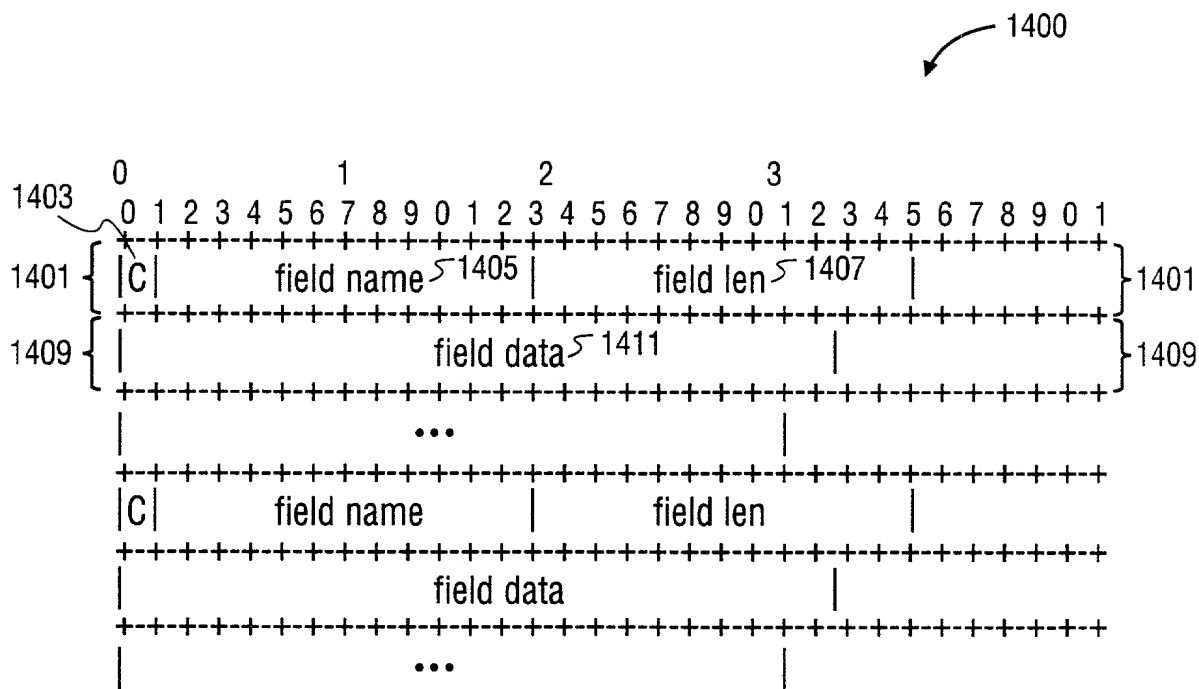
**FIG. 11**

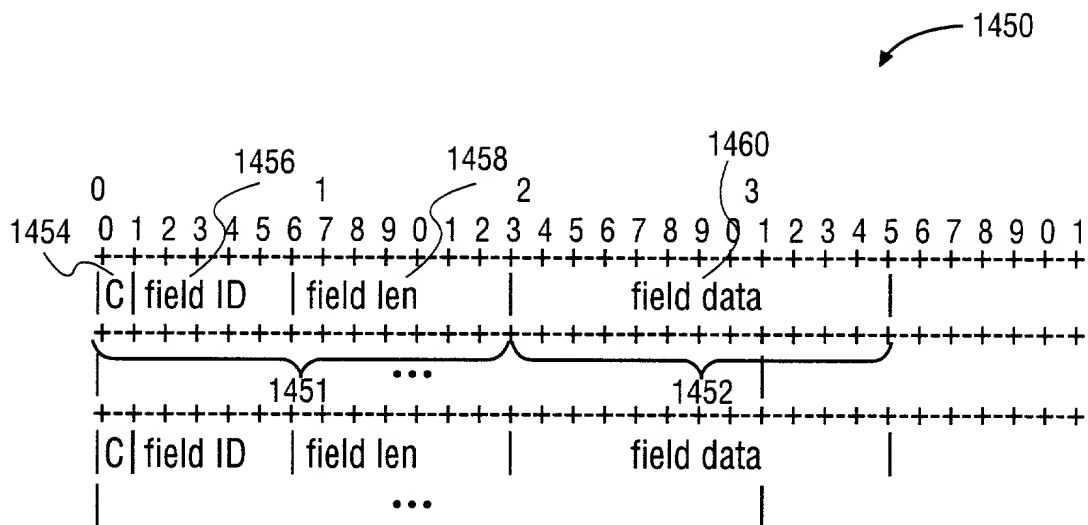


**FIG. 12**

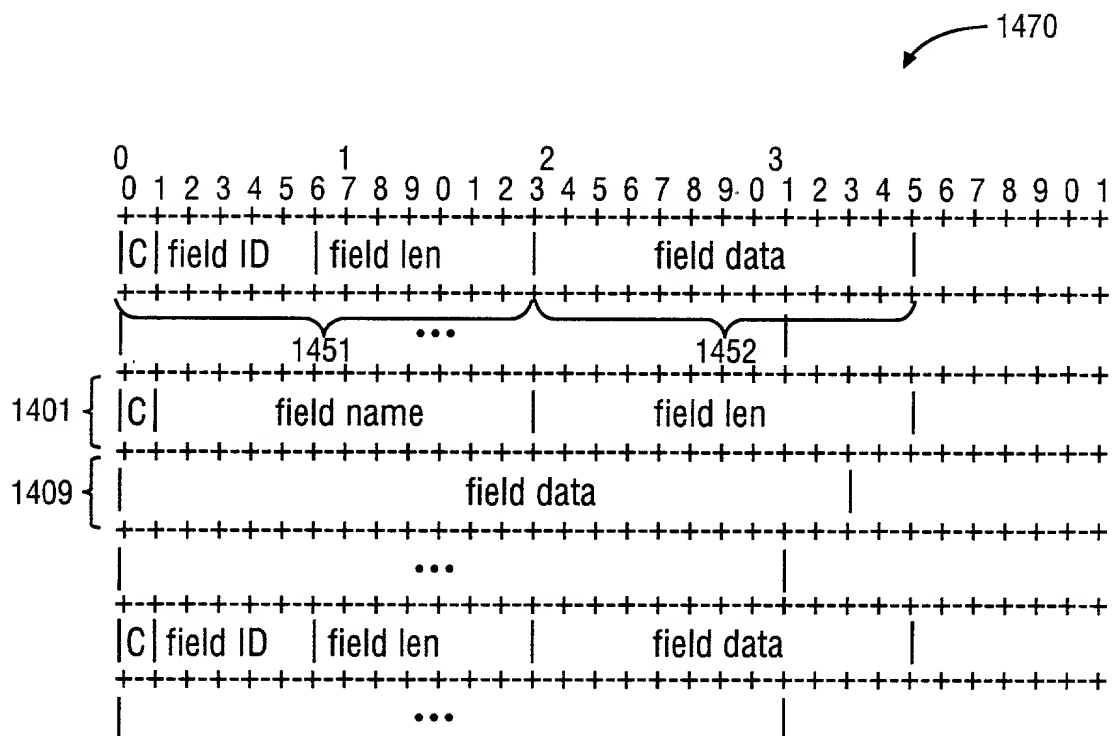


**FIG. 13**





**FIG. 14B**



**FIG. 14C**